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## OFFICE MEMORANDUM

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**DATE:** January 9, 2004

**TO:** Region Engineers  
Region Delivery Engineers  
TSC Managers  
Resident/Project Engineers  
Region Construction Engineers

**FROM:** Larry E. Tibbits  
Chief Operations Officer

John C. Friend  
Engineer of Delivery

**SUBJECT:** Bureau of Highway Instructional Memorandum 2004-02, Guidelines for Application of Temporary Edge Line Markings on Construction Projects

The attached guidelines for temporary edge line markings are designed to provide motorists with pavement markings during intermediate phases of construction projects when the through travel way is open to traffic. The 2003 guidelines are an update of existing guidelines originally established in 1996 when motorists were found to be driving paved shoulders as traffic lanes.

Use of these guidelines will continue to provide proper delineation to the motorist by establishing the difference between a shoulder and a traffic lane.

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Chief Operations Officer

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Engineer of Delivery

BOHD:C/T:BZ:kab

Attachment

Index: Pavement Markings

cc: C & T Support Area Staff  
Design Support Area, M. VanPortfleet  
Traffic & Safety Support Area, J. Culp  
OEO - S. El Ahmad  
V. Blaxton  
K. Reincke  
MRBA  
MCPA  
MAA  
CRAM  
ACEC

Real Estate Support Area, M. DeLong  
Maintenance Support Area, C. Roberts  
C & T Support Area, B. O'Brien  
C. Rademacher  
G. Moore  
T. Fudaly, FHWA  
MAPA  
MCA  
AUC  
MRPA  
MPA

# **GUIDELINES FOR APPLICATION OF TEMPORARY EDGE LINE MARKINGS ON CONSTRUCTION PROJECTS**

**November 2003**

Temporary edge line markings are recommended during intermediate phases of construction projects when the through travel way is open to traffic.

Guidelines for application of temporary edge line markings shall be as follows:

## **RIGHT EDGE**

For a paved shoulder less than six feet (1.8 meters) wide, the option to place or not place a continuous solid marked edge line of the appropriate color and size shall be determined by the Region or TSC Traffic and Safety representative.

For a paved shoulder six feet (1.8 meters) wide or greater, the edge line shall be marked or delineated by one of the following methods: (1), Continuous solid lines of the appropriate color and size, or (2), Plastic Drums spaced at a maximum of 200 foot (60 meter) intervals.

Restrictions:

1. The solid edge line shall be paint or tape.
2. Broken line applications of paint or tape **are not acceptable** for edge line delineation.
3. These restrictions/guidelines apply for all courses and whenever the edge line has been rendered ineffective by construction activities.
4. The final pavement course shall be permanently marked or Plastic Drums shall be used as described above until permanent markings can be placed.
5. Drums used to close the shoulder shall be placed within 1 foot of the open traffic lane.

## **LEFT EDGE**

For freeways and high speed divided roadways (posted over 45 mph), the left edge line of the appropriate color and size shall be marked regardless of width, by one of the methods described above (same restrictions apply).

## **CONCRETE BARRIERS**

When a concrete barrier is three feet (1 meter) or less from the edge of metal, Temporary Raised Pavement Markers (TRPM) may be used to supplement the temporary paint or tape edge line. Spacing of the TRPMs shall be at 10 foot (3 meter) intervals.

If the concrete barrier is over three feet (1 meter) from the edge of metal, the guidelines previously cited for Right Edge and Left edge shall apply.

## **TEMPORARY CROSSOVERS AND TRAFFIC SHIFTS**

Temporary Raised Pavement Markers or reboundable delineators may be used to supplement the edge line markings. Spacing of the devices should be at 10 foot (three meter) intervals beginning 250 feet (76 meters) in advance of the point of curvature and ending 250 feet (76 meters) beyond the crossover point of tangent.